

**CONFIDENTIAL**

PROJECT # 02288

Post Office Box 6788  
Fort Davis Station  
Washington, D. C. 20020

13 August 1968

REGISTERED

Declass Review by NGA.

Reference: (a) Development Objectives for Split-Format 1540 Light  
Table and Mount for Various Microstereoscopes  
(b) Specification No. DB-1001, Dated 31 August 1966

Gentlemen:

The Development Objectives, reference (a) were attached to and formed a part of the subject Contract, dated 28 June 1968. Reference (b), titled "Contractual Documentation to be Supplied by Contractors" was an attachment to reference (a).

During conversations between yourself and the Contracting Officer's Technical Representative in June and July 1968, you requested clarification of certain Human Factors items appearing in Paragraphs 4.2.1.4. and 4.2.1.5. of reference (a). Specifically, the value given for the average maximum height of the adult population's eyes above floor level when standing was questioned, and amplification of the functional arm reach distances was requested.

The first of these items was incorrect due to a typographical error in our basic reference material. The correct value for this item together with additional information on the functional arm reach distances is contained in a corrigendum to reference (a), a copy of which is attached. It is understood that these changes are made to amplify existing specifications and are entirely within the scope of the present contract.

In accordance with Paragraph 2.1.1. of reference (b), you are advised that control number NP-V-28-02288 has been assigned. This control number should appear on the reports required under Paragraph 2.2. of reference (b), as well as on all other documentation submitted by you under this contract.

**CONFIDENTIAL**

**NOTICE**

This material contains information affecting the national defense of the United States within the meaning of the espionage laws, Title 18, United States Code, Sec. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

**CONFIDENTIAL**

K1 [REDACTED]

Technical questions relative to the above items, or other aspects of this contract, may be referred to the Contracting Officer's Technical Representative for this contract (Telephone Number [REDACTED])

This letter in no way alters any of the terms and conditions of the subject Contract.

Very truly yours,

[REDACTED]  
Contracting Officer

BY  
Duly Authorized Representative

Attachment:  
Corrigendum to Development  
Objectives

Distribution:  
Orig. - Addressee  
1 - GCB  
1 - NPIC  
1 - File

X1 OL/PD/CA&SB/CAS/  
(14 Aug 68) [REDACTED]

Page 2 of 2

**CONFIDENTIAL**

CORRIGENDUM

to

DEVELOPMENT OBJECTIVES

SPLIT-FORMAT 1540 LIGHT TABLE AND MOUNT FOR VARIOUS MICROSTEREOSCOPES

Paragraph 4.2.1.4. - On line fourteen of this paragraph, delete the number 73 and substitute 70.3 therefore.

Paragraph 4.2.1.5. - Delete the entire paragraph and substitute the following therefore:

4.2.1.5. Location of Controls. All controls, including the film hand wheels will be positioned so they can be easily manipulated. In this respect, the following functional arm reach distances will apply.

Height Above Seat Ref Pt. (in.)	Angle from straight ahead reach						
	0°	15°	30°	45°	60°	75°	90°
0				16.0	17.9	17.4	18.5
6	17.0			22.4	23.8	23.9	25.6
12	19.4	21.5	23.5	24.9	27.0	27.6	28.0
18	21.3	22.9	25.4	26.9	28.1	29.3	30.0
24	21.6	23.4	24.9	26.4	28.0	28.9	30.0
30	20.1	22.0	23.7	26.4	27.4	28.3	29.3
36	17.4	18.7	20.2	22.4	23.9	25.1	25.9
42	12.7	13.2	13.6	16.0	19.2	20.3	21.1

NOTE: a. Reach dimensions are in inches forward of the seat reference point which, for purposes of these development objectives, shall be considered to be located in a plane which is perpendicular to the front of the table and which passes through its vertical center line, and at a horizontal distance of 15 inches from the front of the light table and 18 inches above the floor.

b. Add: 1 inch if only knobs are to be operated; 3 inches if only toggle switches or push buttons are used; 4 inches at 0 degrees and 3 inches at 45 degrees if shoulder extension is possible; 6 inches at 0 degrees and 4 inches at 45 degrees if

ILLEGAL

shoulder extension and trunk rotation is possible; 16 inches at 0 degrees, 12 inches at 45 degrees, and 8 inches at 90 degrees if complete body freedom is possible (e.g., bending forward in the seat).